

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently Amended) An image processing apparatus comprising:
a reception unit that receives at least three encoded image data via a serial bus;
a decoding unit that decodes one of the received encoded image data to generate a main frame;
a sub frame generating unit that extracts low frequency component from each one of the other received encoded image data, and generates sub frames from the extracted low frequency components; and
an image signal generating unit that combines the main frame and the sub frames, and generates an image signal including the main frame combined with the sub frames.
2. (Canceled)
3. (Canceled)
4. (Currently Amended) An apparatus according to claim 1, wherein the reception unit is ~~a digital interface~~ based on the IEEE 1394-1995 standard.
5. (Previously Presented) An apparatus according to claim 1, further comprising:
a switch unit adapted to switch the encoded image data corresponding to the main frame and the encoded image data corresponding to one of the sub frames, in response to an operation of a predetermined operation key.
6. (Previously Presented) An apparatus according to claim 1, further comprising:
a recording unit adapted to record the encoded image data corresponding to the main frame on a storage medium, in response to an operation of a predetermined operation key.

7. (Previously Presented) An apparatus according to claim 1, wherein the at least three encoded image data are based on the SD format of the DV standard.

8. (Currently Amended) A method for generating an image signal, comprising:
receiving at least three encoded image data via a serial bus;
decoding one of the received encoded image data to generate a main frame;
extracting low frequency component from each one of the other received encoded image data;
generating sub frames from the extracted low frequency components;
combining the main frame and the sub frames; and
generating an image signal including the main frame combined with the sub frames.

9. (Canceled)

10. (Canceled)

11. (Currently Amended) A method according to claim 8, wherein the at least three encoded image data is received through a digital interface reception unit based on the IEEE 1394-1995 standard.

12. (Previously Presented) A method according to claim 8, further comprising:
switching the encoded image data corresponding to the main frame and the encoded image data corresponding to one of the sub frames, in response to an operation of a predetermined operation key.

13. (Previously Presented) A method according to claim 8, further comprising:
recording the encoded image data corresponding to the main frame on a storage medium, in response to an operation of a predetermined operation key.

14. (Previously Presented) A method according to claim 8, wherein the at least three encoded image data are based on the SD format of the DV standard.